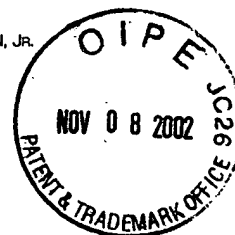


**WORKMAN
NYDEGER
& SEELEY**ATTORNEYS AT LAW
A PROFESSIONAL CORPORATION1000 EAGLE GATE TOWER
60 EAST SOUTH TEMPLE
SALT LAKE CITY, UTAH 84111
TELEPHONE (801) 533-9800
FACSIMILE (801) 328-1707RICK D. NYDEGGER
DAVID O. SEELEY
BRENT P. LORIMER
THOMAS R. VUKSINICK
LARRY R. LAYCOCK
JONATHAN W. RICHARDS
DAVID R. WRIGHT
JOHN C. STRINGHAM
JOHN M. GUYNN
CHARLES L. ROBERTS
GREGORY M. TAYLOR
DANA L. TANGREN
ERIC L. MASCHOFF
CHARLES J. VEVERKA
ROBYN L. PHILLIPS
RICHARD C. GILMORE†
DAVID B. DELLENBACH
R. BURNS ISRAELSEN
DAVID R. TODD
L. DAVID GRIFFINJESÚS JUANÓS I TIMONEDA, Ph.D.
ADRIAN J. LEE
FRASER D. ROY
CARL T. REED
R. PARRISH FREEMAN, JR.
PETER F. MALEN, JR.
L. REX SEARS, Ph.D.
ERIC M. KAMERATH
ROBERT E. AYCOCK
JENS C. JENKINS
KEVIN W. STINGER
WILLIAM J. ATHAY
MICHAEL B. DODD
WILLIAM R. RICHTER
TRENT H. BAKER
RYAN D. BENSON
SARA D. JONES
TIGE KELLER

† ADMITTED ONLY IN CALIFORNIA



PATENTS

TRADEMARKS

COPYRIGHTS

TRADE SECRETS

UNFAIR COMPETITION

LICENSING

COMPLEX LITIGATION

MAILING ADDRESS:

P.O. BOX 45862

SALT LAKE CITY, UT 84145

INTERNET

HOME PAGE: <http://www.wnspatent.com>GENERAL E-MAIL: info@wnspatent.com

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

Dennis H. Runnoe

Serial No.: 09/639,684

Confirmation No.: 4147

Filed: August 15, 2000

For: INTEGRAL CATHODE

Examiner: Courtney D. Thomas

Art Group
2882TRANSMITTAL FOR REQUEST FOR CONTINUED EXAMINATION

BOX: RCE

Assistant Commissioner for Patents
Washington, DC 20231

Sir:

This is a Request for Continued Examination (RCE) under 37 CFR § 1.114 for the above-identified application.

A. Instructions and Averments

___ Enter the Amendment under 37 CFR § 1.116, previously filed on ____.

___ This application is entitled to Small Entity Status under 37 CFR §§ 1.9 and 1.27.

RECEIVED
NOV 13 2002
2800 MAIL ROOM

B. Enclosed

- ☒ A Preliminary Amendment for entry in the present application.
- ☒ To render this RCE timely filed, enclosed is a Petition for One-Month Extension of Time.
- ☒ A Certificate of Mailing by "Express Mail" certifying a filing date for the enclosed application by use of Express Mail Label No. EV107979307US.

C. Payments

The fee has been calculated as shown below.

			SMALL ENTITY		LARGE ENTITY	
FOR	NO. FILED	NO. EXTRA	RATE	FEE	RATE	FEE
BASIC FEE				\$370		\$740
TOT. CLAIMS	56 - 29 =	27	X 9=		X 18=	486.00
IND. CLAIMS	8 - 5 =	3	X 42		X 84=	252.00
MULTIPLE DEPENDENT CLAIM			+140=		+280=	
			TOTAL		TOTAL	\$1,478.00

- ☒ Form PTO-2038 submitting payment in the amount of \$1,588.00 is enclosed to cover the following fees:
- ☒ the \$1,478.00 RCE filing fee pursuant to 37 CFR § 1.17(e); and
- ☒ the \$110.00 petition fee for the one-month extension of time.
- ☒ The Commissioner is hereby authorized to charge payment of the following fees during the pendency of this application or credit any overpayment to Deposit Account No. 23-3178.
- ☒ Any filing fees under 37 CFR § 1.16 for presentation of extra claims.
- ☒ Any patent application processing fees under 37 CFR § 1.17.
- The issue fee set forth in 37 CFR § 1.18 at or before mailing of the Notice of Allowance, pursuant to 37 CFR § 1.311(b).
- ☒ A duplicate copy of this letter is enclosed.

November 8, 2002

Page 3

Please address all future correspondence in connection with the above-identified patent application to the attention of the undersigned.

Dated this 8th day of November 2002.

Respectfully submitted,



ERIC L. MASCHOFF
Attorney for Applicant
Registration No. 36,596



022913

PATENT TRADEMARK OFFICE

ELM:kjb

W:\14374\14\KJB0000001717V001.doc



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

re application of:

Dennis H. Runnoe

Serial No.: 09/639,684

Confirmation No.: 4147

Filed: August 15, 2000

For: **INTEGRAL CATHODE**

RECEIVED
NOV 13 2002
JC 28000 MAIL ROOM

CERTIFICATE OF MAILING BY "EXPRESS MAIL"

I hereby certify that the following documents are being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR § 1.10 on the date indicated below in an envelope addressed to Box: RCE, Assistant Commissioner for Patents, Washington, DC 20231:

- Preliminary Amendment
- Transmittal for Request for Continued Examination (3 pages)(in duplicate)
- Form PTO-2038 submitting payment in the amount of \$1,588.00
- Postcard

Dated this 8th day of November 2002.

Respectfully submitted,

E.C. Nambh

ERIC L. MASCHOFF
Attorney for Applicant
Registration No. 36,596

WORKMAN, NYDEGGER & SEELEY
1000 Eagle Gate Tower
60 East South Temple
Salt Lake City, Utah 84111
Telephone: (801) 533-9800